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LITERATURE CITED

ARMSTRONG, E. A. 1963. A study of bird song. Oxford Univ. Press, London.

- BERTRAM, B. 1970. The vocal behavior of the Indian Hill Mynah, *Gracula religiosa*. Anim. Behav. Monogr., 3:79-192.
- BORROR, D. J. 1961. Songs of finches (Fringillidae) of Eastern North America. Ohio J. Sci., 61:161-174.
- GEORGE, J. L. 1952. The birds on a southern Michigan farm. Unpubl. Ph.D. Thesis, University of Michigan, Ann Arbor. (Cited in: Berger, A. J. 1968. Eastern Vesper Sparrow. In: O. L. Austin, Jr. (Ed.) Life histories of North American cardinals, grosbeaks, buntings, towhees, finches, sparrows, and allies. U. S. Natl. Mus., Bull. 237:868-882.)
- LANYON, W. E. 1960. The ontogeny of vocalizations in birds. p. 321-347. In: W. E. Lanyon and W. N. Tavolga (Eds.). Animal sounds and communications. A.I.B.S., Washington, D. C.
- MARLER, P. 1967. Acoustical influences in birdsong development. Rockefeller Univ. Review, Sept.-Oct.:8-13.
- MILLER, E. V. 1941. Behavior of the Bewick Wren. Condor, 43:81-99.
- MULLIGAN, J. A. 1966. Singing behavior and its development in the Song Sparrow. Melospiza melodia. Univ. California Publ. Zool., 81:1-76.
- PETERSON, R. T. 1947. A field guide to the birds. Houghton Mifflin Co., Boston.
- PETERSON, R. T. 1961. A field guide to western birds. Houghton Mifflin Co., Boston.
- PETERSON, R. T. 1963. A field guide to the birds of Texas and adjacent states. Houghton Mifflin Co., Boston.
- THORPE, W. H. 1961. Bird song: The biology of vocal communication and expression in birds. Cambridge Univ. Press, Cambridge.
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PUBLICATION NOTES AND NOTICES

PESTICIDES AND WILDLIFE. [By J. A. Keith and R. W. Fyfe.] Canadian Wildlife Service, Ottawa, 1971: 6¹/₂ × 9 in., paper covered, 24 pp., photographs. No price given.

A collection of four articles about research, chiefly in Canada, on the side effects on various wildlife species of the use of agricultural and industrial chemicals. The authors are biologists in the Canadian Wildlife Service. The articles repeat each other to some extent and the story is no longer new; nevertheless the message is well set forth in non-technical language. To quote Fyfe: "If I have been attacking anything, it is all untested and unjustified use, together with the continued defense of widespread applications, of the broad spectrum persistent biocides which are affecting this environment: our environment and that of our children."—P.S.